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Chemistry of Life

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| **Across****4.** Molecular compounds made from just three elements, carbon, hydrogen, and oxygen**10.** The basic unit of a chemical element**13.** A substance in which the particles are spread out evenly**14.** The sticking together of alike molecules**17.** The building blocks of protein. Only 20 of these.**18.** A molecule composed of polymers of amino acids joined together by peptide bonds**19.** The strength and vitality required for sub stained physical or mental activity | **Down****1.** A substance or layer that underlies something or on which some process occurs in particular**2.** A substance that cannot be decomposed into simpler substances by chemical means**3.** The minimum quantity of energy that the reacting species**5.** A tiny or very small piece of something**6.** DNA and RNA**7.** A region on an enzyme that binds to a protein or other substances during a reaction**8.** The force of attraction between unlike molecules**9.** A substance formed when two or more chemical elements are chemically bonded together.**11.** A substance that accepts protons from acids**12.** A substance produced by a living organism that acts as a catalyst to bring about reactions**15.** A group of naturally occurring molecules that include fats, waxes, and steroids**16.** Any class of compounds that form hydrogen ions when dissolved in water |